PRESENT: Bo Lowrey, Cary Peterson, Rick Chlopan, Lee Muncy, Miko Pattie,
        Al Lind

<u>Categories of Standards:</u>

1. **Student Information Systems –**
   - There is a need for K-12 to interoperate with postsecondary SISs such as-
     - Transcripts
     - Strengths & weaknesses in areas of studies
     - Career path/advising
     - Other assessment data
   - This can be aggregates (data warehouse), individuals, scheduled batch updates (data warehouse), dynamic updates
   - What's the standard for interoperability?
     - K-12 uses SIF (School Interoperability Framework) http://www.sifinfo.org/
     - Postsecondary uses http://psec.org which includes approved standards such as Data Transport Specification (DTS), XML High School & PSE Transcript..
     - There is a partnership between SIFA and PESC that "will work together to generate bi-directional comprehensive records exchanges between pK-20 and postsecondary institutions."
     - Web Services for Remote Portlets (WSRP) is a technology-agnostic protocol designed for content aggregators, such as web portals, to access and display content sources (portlets) that are hosted on a remote server. This standard, established in 2003, might be a basis for the lifelong learning portals, one of KEN applications.
   - What about private and home schools, private institutions? How do we interoperate with them?
2. **Teaching and Learning Systems -**
   - Course management systems with SISs
   - Student's and instructor's association with multiple institutions using multiple CMSs
   - Single sign-on – Voted as the top priority in KEN Applications Subcommittee survey
   - Shibboleth – Is this feasible? We need to learn more on this.
   - We might need to make a list and scope them. Frame what we know and learn what we don't know. Make use of low hanging fruits.
3. **Document Management Systems –**
4. **Metadata Standards**

<u>Next Meeting:</u> July 6, Friday, 10:00 – 12:00 CPE Conference Room G
        Rick: Gartner's research on interoperability
        Miko: Someone to give an overview of Shibboleth